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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1.   (Currently Amended)   An interactive method of integrating and customizing document-based services in a knowledge management system, comprising:

providing a plurality of services, wherein each service comprises a software component associated with the system and provides at least one functionality for processing at least a portion document;

wherein each software component includes a control panel for defining and inputting commands, input parameters and output parameters associated with the software component;

wherein input parameters comprise a string parameter;

displaying the plurality of services in a user interface, wherein each service has a link associated with it for accessing the service directly;

responsive to user selection of a first service from the plurality of services, displaying the first service's control panel in the user interface;selecting a first service from the plurality of services;

responsive to user input of at least one command and at least one input parameter in the control panel of the first service, caching any results objects for further usage within a session memory, displaying any output generated by the first service in the user interface, and providing handles to specify paths to the results objects within the session memory;

responsive to user selection of a second service from the plurality of services, displaying the second service's control panel in the user interface;selecting a second service from the plurality of services; and

responsive to user selection of at least a portion of the output generated by the first service, at least one command and at least one input parameter in the control panel of the second service, piping the at least a portion of the output generated by the first service to the selected

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input parameter of the second service and displaying any output generated by the second service in the user interface~~piping the first and second services together to form a scenario such that output from the first service is provided as input to the second service~~.

2.   (Cancelled).

3.   (Currently Amended)   The method of claim 1, further comprising:

responsive to user selection of a third service from the plurality of services, displaying the third service's control panel in the user interface; and

responsive to user selection of at least a portion of the output generated by the second service, at least one command and at least one input parameter in the control panel of the third service, piping the at least a portion of the output generated by the second service to the selected input parameter of the third service and displaying any output generated by the third service in the user interface~~piping the first, second and third services together to form a second scenario, such that the output from the second service is provided as input to the third service~~.

4.   (Currently Amended)   The method of claim 1, further comprising:

responsive to user selection of a fourth service ~~selecting a fourth scenario~~ from the plurality of services, displaying the fourth service's control panel in the user interface; and

responsive to user selection of at least a portion of the output generated by the first service, at least one command and at least one input parameter in the control panel of the fourth service, piping the at least a portion of the output generated by the first service to the selected input parameter of the fourth service and displaying any output generated by the fourth service in the user interface~~substituting the fourth service for the second service such that any of the output the first service, the second service or both the first service and the second service is provided as the input of the fourth service~~.

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5.   (Cancelled).

6.   (Original)   The method of claim 1, wherein the user interface comprises a browser and wherein each link comprises an http path from the browser to its corresponding service.

7.   (Cancelled).

8.   (Currently Amended)   The method of claim 1, further comprising:
providing a filter control comprising a plurality of selectable criteria, wherein the criteria refer to conditions defined for each of the services;
responsive to user selection of selecting at least one criteria in the filter control;
executing the filter control and displaying any results, wherein the results comprise a subset of the plurality of services.

9.   (Original)   The method of claim 7, wherein the plurality of services comprise a hyperbolic tree view builder, a mail sender, a PDF converter, a search engine, a document summarizer, a database, a term extractor, a terms extractor, a translator, an image extractor and a dictionary.

10.   (Currently Amended)   The method of claim 1, wherein each service includes a control panel for implementing the service and a filter control for selecting criteria pertaining to the service.

Claims 11-21 (Cancelled).

22.   (New)   The method of claim 1, wherein the output parameters comprise at

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least one of a string, a document URL and a document pointer.

23. (New) the method of claim 1, wherein the control panel defines the service's functionality and service properties.

24. (New) An interactive system for integrating and customizing document-based services in a knowledge management system, comprising:

a plurality of services, wherein each service comprises a software component associated with the system and provides at least one functionality for processing at least a portion document;

wherein each software component includes a control panel for defining and inputting commands, input parameters and output parameters associated with the software component;

wherein input parameters comprise at least one of a string, a document URL and a document pointer;

a user interface for displaying the plurality of services, wherein each service has a link associated with it for accessing the service directly;

responsive to user selection of a first service from the plurality of services, displaying the first service's control panel in the user interface;

a first framework, responsive to user input of at least one command and at least one input parameter in the control panel of the first service, for displaying any output generated by the first service in the user interface;

a second framework, responsive to user selection of a second service from the plurality of services, for displaying the second service's control panel in the user interface; and

a scripting shell, responsive to user selection of at least a portion of the output generated by the first service, at least one command and at least one input parameter in the control panel of the second service, for piping the at least a portion of the output generated by the first service to the selected input parameter of the second service and displaying any output generated by the

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second service.

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